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2011-10

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U.S. ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Registration Division (7505C)  
401 "M" St., S.W.  
Washington, D.C. 20460

EPA Reg. Number:  
2011-10

Date of Issuance:  
SEP 14 1999

NOTICE OF PESTICIDE:  
\_\_\_\_ Registration  
 X  Reregistration

Term of Issuance:  
Unconditional

Name of Pesticide Product:  
Vigortone Rabon 7.76  
Oral Larvicide Premix

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Vigortone Ag Products, Inc.  
5264 Council St, N.E.  
Cedar Rapids, IA 52402

**Note:** Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

Based on your response to the Reregistration Eligibility Document(s), EPA has reregistered the product listed above. Enclosed is a copy of your label stamped Accepted. This action is taken under the authority of section 4(g)(2)(c) of the Federal Insecticide, Fungicide, and Rodenticide Act, as amended. Reregistration under this section does not eliminate the need for continual reassessment of pesticides. EPA may require submission of data at any time to maintain the registration of your product.

Signature of Approving Official:

George LaRocca  
Insecticide Branch  
Registration Division (7505C)

Date:

You must make the following labeling changes:

1. The Heading "First Aid" or "Statements of Practical Treatment" must be added. Your Statements of Practical Treatment must be revised to read as follows:

**IF SWALLOWED:** Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger, or if available by administering syrup of ipecac. If person is unconscious, do not give anything by mouth and do not induce vomiting.

**IF ON SKIN:** Wash with plenty of water. Get medical attention.

**IF IN EYES:** Flush eyes with plenty of water. Call a physician if irritation persists.

) **Hazards to Human and Domestic Animals**

Harmful if swallowed or absorbed through the skin. Causes moderate eye irritation. Avoid contact with eyes, skin or clothing. Prolonged or frequently repeated skin contact may cause allergic reaction in some individuals. Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet."

**Personal Protective Equipment**

The PPE must be presented on the label directly below the Hazards to Humans and Domestic Animals as follows:

"Mixers and Handlers must wear:

- )
- long-sleeved shirt and pants
  - shoes and socks
  - chemical resistant gloves

**User Safety Requirements**

The user safety requirements must appear on the label as follows: "Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry."

**User Safety Recommendations**

The user safety recommendations must be added to the label (must be placed in a box) and should read as follows:

"Users should remove PPE immediately after handling this product. wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing."

**Storage and Disposal**

The "Storage and Disposal" section should be moved to the "Directions for Use" section, directly following the statement, "It is a violation..."

**General Information** (non-site specific information on uses, pests, mixing and loading, tank mixing, etc...)

The sub-header "General Information" must be placed on the label. Information such as "To prevent the development of Horn Flies, Face Flies, House Flies and Stable Flies in the manure of treated cattle and House Flies in the manure of treated swine.", should be included in this section.

**General Precautions and Restrictions**

You must add the sub-heading "General Precautions and Restrictions" to the label and include the following information:

"Do not apply this product in a way that will contact workers or other persons, either directly or through drift."

"Only protected handlers may be in the area during application."

Information currently on the label:

"Feeds with this product should not be pelleted, nor be mixed with feeds containing predominantly pellets."

"Further, this product should not be mixed in liquid feed supplements."

**Directions for Use (Application Instructions)**

The subheading "Application Instructions" should be added to the label directly above: "Cattle: In a Concentrate Feed..."

2. The "Statements of Practical Treatment" sections should be placed directly below Header "Precautionary Statements."

3. Your Human precautionary statements must be revised to read as follows:

"Harmful if swallowed or absorbed through skin. Causes moderate eye irritation. Avoid contact with eyes, skin or clothing. Prolonged or frequently repeated skin contact may cause allergic reaction in some individuals."

**Personal Protective Equipment (PPE)**

Handlers must wear:

- long sleeved shirt and pants
- shoes and socks
- chemical resistant gloves

**USER SAFETY REQUIREMENTS**

Follow manufacturer's instructions for cleaning/maintain PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry."

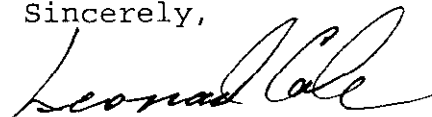
**USER SAFETY RECOMMENDATIONS**

Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.

- 4. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- 5. Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible wash thoroughly and change into clean clothing."
- 6. Your Storage and Disposal statements must be placed in a solid box. This box must appear under Federal law text.
- 7. The sub-header "General Information" must be placed on the label. The information beginning "Vita-Plus with Equitrol is a nutritional feed supplement"..through "order to achieve optimum" under Directions for Use be placed under this new sub-header.
- 8. The sub-header "General Precautions and Restrictions" must be added to the label. The statement "Do not use on horses intended for slaughter" and statements beginning "CAUTION: Follow label instructions"..should appear under this sub-header.
- 9. Information under "Daily Dosage should appear under the sub-heading "Application Instructions".

Enclosed is a copy of your label stamped "Accepted with Comments". Please submit two (2) copies of your final printed labeling before releasing your product for shipment. Please refer to the A-79 enclosure for further description of final printed labeling. Should you have any questions, you may contact Leonard Cole directly at 703.305.5412.

Sincerely,



George T. LaRocca  
Product Manager (13)  
Insecticide Branch  
Registration Division (7505C)

Enclosure

5 9 5

# VIGORTONE RABON® 7.76 ORAL LARVICIDE PREMIX

For Cattle and Swine

To prevent the development of Horn Flies, Face Flies, House Flies and Stable Flies in the manure of treated cattle, and House Flies in the manure of treated swine.

<b>ACTIVE INGREDIENT:</b>	<b>BY WEIGHT</b>
TETRACHLORVINPHOS: (Z)-2-chloro-1-(2, 4, 5-trichlorophenyl) vinyl dimethyl phosphate .....	7.76%*
<b>INERT INGREDIENTS</b> .....	92.24%**
TOTAL .....	100.00%

\*RABON Insecticide — Contains 35.2 grams of RABON per pound.  
\*\*Refers only to ingredients which are not larvicidal.

EPA REG. NO 2011-10  
EPA EST. NO. See Number Imprinted on Bag

**FEED INGREDIENTS**  
Calcium Carbonate, Mineral Oil

### GUARANTEED ANALYSIS

Calcium (Ca), minimum .....	33.00%
Calcium (Ca), maximum .....	38.00%

**KEEP OUT OF REACH OF CHILDREN  
CAUTION**

### PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS CAUTION

This product may cause skin sensitization reactions in certain individuals. Wear long-sleeved shirt and pants; chemical resistant gloves; shoes and socks when mixing and handling. Harmful if swallowed. Avoid contact with skin and eyes. Avoid breathing dust. Wash thoroughly with soap and water after handling and before eating or smoking. If in eyes, wash with plenty of water. If irritation persists, see a physician.

### ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. Keep out of lakes, streams or ponds. Do not contaminate water when disposing of equipment wash waters.

### DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Rations containing this product may be fed up to slaughter and to lactating dairy cows without withholding the milk from market during or after treatment.

Start feeding RABON larvicidal feeds early in the spring before flies begin to appear and continue feeding throughout the summer and into the fall until cold weather restricts fly activity.

When fed, this product passes through the digestive system into the animal's manure where it kills fly larvae on contact shortly after hatch.

It prevents the development of horn flies, face flies, house flies, and stable flies in the manure of treated cattle and house flies in treated swine, but is not effective against existing adult flies.

— Manufactured by —  
**VIGORTONE® AG PRODUCTS, INC.**  
General Offices  
Cedar Rapids, IA 52406

Rev. 4/99

Net Weight 45 ib (20.41 kg)

In some cases, supplemental fly control measures may be needed in and around cattle lots and barns to control adult house flies and stable flies which can breed not only in manure but in other decaying vegetable matter or silage on the premises.

In order to achieve optimum fly control, this product should be used in conjunction with other good management and sanitation practices.

This product will mix uniformly in feeds when standard mixing procedures are followed. Thus, usual problems that are common to all feed preparation and which cause stratification, such as excessive free-fall or excessive handling, are to be avoided. It is recommended that appropriate preblending techniques be employed to assure adequate distribution throughout the feed mix. The premix should be preblended with ground grain, protein supplements, mineral mixes, etc., before being added to roughages, such as chopped hay or silage. Mixing time should be adequate to assure uniform dispersion. Optimum performance can be assured only if this product is dispersed uniformly with the feedstuff at the recommended level. Common feed mixing equipment (i.e., vertical mixers, horizontal blenders, mixer/feeder truck) may be used to prepare formulated feeds.

Feeds prepared with this product should not be pelleted, nor be mixed with feeds containing predominantly pellets. Further, this product should not be mixed in liquid feed supplements.

**CATTLE: In a Concentrate Feed — Roughage Fed Separately.**

This product can be used to prepare concentrate feeds that will provide 792 mg. of RABON per animal per day.

To prepare a larvicidal concentrate feed, mix this product according to the amount of concentrate to be fed per animal per day. Use the following table as a guide for determining the proper mixing rate.

### MIXING DIRECTIONS

Pounds of Concentrate Consumed per Animal per Day	Pounds of RABON in the Concentrate		RABON® 7.76 Oral Larvicide Premix per Ton of Concentrate
	mg/lb	%	
.5	1584	0.35	90.0
1.0	792	0.18	45.0
1.5	528	0.12	30.0
2.0	396	0.087	22.5
5.0	159	0.035	9.0
10.0	79	0.018	4.5
15.0	53	0.012	3.0
20.0	39	0.0087	2.3
25.0	32	0.0069	1.8
30.0	26	0.0059	1.5

Feed the appropriate larvicidal concentrate to cattle weighing between 400 and 1200 pounds. For larger cattle weighing between 1200 and 1700 pounds, increase the amount of premix per ton of concentrate to 1½ times that recommended.

**CATTLE: In a Complete Ration — No Other Roughage Fed.**

This product can be used to prepare rations that contain 26.4 mg. of RABON per pound of complete ration.

To prepare a larvicidal ration, mix 1.5 pounds of this product per ton of complete mixed ration containing both grain and roughage.

Full-feed this larvicidal complete ration to feeder cattle weighing from 400 to 1400 pounds or to dairy cattle at a rate to sustain milk production, but not less than 2.6 pounds of the ration per 100 pounds of body weight daily.

**SWINE: All swine should be treated.**

**Pigs (weaners to market weight):** Mix 1.3 pounds of this product per ton of meal type feed and offer free choice. This is equivalent to 22.7 mg. of RABON per pound of feed.

**Sows, Boars and Breeding Gilts:** Mix 2.6 pounds of this product per ton of meal type feed and offer 4 to 6 pounds of feed per animal per day. This is equivalent to 45.4 mg. of RABON per pound of feed.

### STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

**Storage:** Store in a dry place in original container.

**Container Disposal:** Completely empty bag. Then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

**Pesticide Disposal:** Wastes resulting from the use of this product may be disposed of on-site or at an approved waste disposal facility.

SEP 14 1999

with COMMENTS in EPA Letter Dated  
the Federal Insecticide, Fungicide, and Rodenticide Act as amended, 0388 the pesticide registered under EPA Reg.

2011-10